

SPARK Hybrid Education Center

Mathematics | Lower Level

Data: Mean, Median, Mode & Range

Name: _____

Date: _____ Score: _____

UNIT TOPICS

- * Mean = sum divided by count
- * Median = middle value (sorted)
- * Mode = most frequent
- * Range = max minus min

PRACTICE PROBLEMS - Show all work

1. Data: 4, 7, 2, 9, 3. Find the mean: ____
2. Data: 4, 7, 2, 9, 3. Find the median: ____
3. Data: 4, 7, 2, 9, 3. Find the range: ____
4. Data: 5, 5, 7, 8, 5. Find the mode: ____
5. Data: 10, 20, 30, 40, 50. Find the mean: ____
6. Data: 3, 7, 7, 12, 15. Find the median: ____
7. A data set has no repeated values. Can it have a mode? Explain.
8. Test scores: 88, 92, 76, 88, 100. Which average best represents the class? Explain.
9. If you add a very large outlier, which measure changes most: mean or median? ____
10. Create a 5-number data set where mean = median = mode = 6.

Answers (accept equivalent responses and correct reasoning):

1. [Grade based on correct application of concept taught this week]
2. [Grade based on correct application of concept taught this week]
3. [Grade based on correct application of concept taught this week]
4. [Grade based on correct application of concept taught this week]
5. [Grade based on correct application of concept taught this week]
6. [Grade based on correct application of concept taught this week]
7. [Grade based on correct application of concept taught this week]
8. [Grade based on correct application of concept taught this week]
9. [Grade based on correct application of concept taught this week]
10. [Grade based on correct application of concept taught this week]